

| | | |
|---|---|--|
| FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT | MMB DOCKET NO. 1867-0038 Siemens Docket No. 2002P17240US | APPLICATION NO.: To be assigned 10/685,083 |
| | APPLICANT(S): Haas et al. | |
| | FILING DATE: Herewith 10/14/03 | GROUP ART UNIT: To be assigned 2858 |

| U.S. PATENT DOCUMENTS | | | | | | | |
|-----------------------|----|-----------------|------------|------|-----------|--------------|-------------|
| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB-CLASS | FILING DATE |
| WB | AA | 5,844,138 | 12/01/1998 | Cota | 73 | 29.01 | ✓ |
| | AB | | | | | | |
| | AC | | | | | | |
| | AD | | | | | | |
| | AE | | | | | | |
| | AF | | | | | | |
| | AG | | | | | | |
| | AH | | | | | | |
| | AI | | | | | | |
| | AJ | | | | | | |
| | AK | | | | | | |

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION |
|------------------|----|-----------------|------|---------|-------|-----------|-------------|
| | AL | | | | | | Yes No |
| | AM | | | | | | Yes No |
| | AN | | | | | | Yes No |
| | AO | | | | | | Yes No |
| | AP | | | | | | Yes No |

| OTHER (Including Author, Title, Date, Pertinent Pages, etc.) | | | |
|--|----|----------|---|
| WB | AQ | 1 | Chen, Zhi, Mao-Chang Jin and Chao Zhen, "Humidity Sensors With Reactively Evaporated Al ₂ O ₃ Films as Porous Dielectrics," Sensors and Actuators B Chemical, August 1990, (5 pages). |
| WB | AR | 1 | Li, G. Q., P. T. Lai, M. Q. Huang, S. H. Zeng, B. Li and Y. C. Cheng, "A Humidity-Sensing Model for Metal-Insulator-Semiconductor Capacitors with Porous Ceramic Film," Journal of Applied Physics, June 15, 2000, (5 pages). |
| WB | AS | 1 | Denton, Denice D., Maha A. S. Jaafar, Andrew R. K. Ralston, Choon Ngiap Ho, and I Li Sen-gang, "The Long Term Reliability of a Switched-Capacitor Relative Humidity Sensor System," University of Wisconsin-Madison, (4 pages). |

| | |
|--------------------------------|---|
| EXAMINER Walter B... | DATE CONSIDERED January 5, 2005 |
|--------------------------------|---|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicants.

| | | |
|---|---|--|
| FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT | MMB DOCKET NO. 1867-0038 Siemens Docket No. 2002P17240US | APPLICATION NO.: To be assigned 10/685,083 |
| | APPLICANT(S): Haas et al. | |
| | FILING DATE: Herewith 10/14/03 | GROUP ART UNIT: To be assigned 2858 |

| U.S. PATENT DOCUMENTS | | | | | | | |
|-----------------------|----|-----------------|------|------|-------|-----------|-------------|
| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB-CLASS | FILING DATE |
| | BA | | | | | | |
| | BB | | | | | | |
| | BC | | | | | | |
| | BD | | | | | | |
| | BE | | | | | | |
| | BF | | | | | | |
| | BG | | | | | | |
| | BH | | | | | | |
| | BI | | | | | | |
| | BJ | | | | | | |
| | BK | | | | | | |

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION |
|------------------|----|-----------------|------|---------|-------|-----------|-------------|
| | BL | | | | | | Yes No |
| | BM | | | | | | Yes No |
| | BN | | | | | | Yes No |
| | BO | | | | | | Yes No |
| | BP | | | | | | Yes No |

| OTHER (Including Author, Title, Date, Pertinent Pages, etc.) | | | |
|--|----|----------|---|
| WB | BQ | <u>2</u> | Dokmeci, Mehmet and Khalil Najafi, "A High-Sensitivity Polyimide Capacitive Relative Humidity Sensor for Monitoring Anodically Bonded Hermetic Micropackages," Journal of Microelectromechanical Systems, Vol. 10, No. 2, June 2001, (8 pages). |
| WB | BR | <u>2</u> | Visscher, G. J. W. and J. G. Kornet, "Long-Term Tests of Capacitive Humidity Sensors," Measurement Science & Technology, October 1994, (9 pages). |
| WB | BS | <u>2</u> | Anchisini R., G. Faglia, M. C. Gallazzi, G. Sberveglieri, and G. Zerbi, "Polyphosphazene Membrane as a Very Sensitive Resistive and Capacitive Humidity Sensor," Sensors and Actuators B Chemical, 1996 (4 pages). |

| | |
|-------------------------------|---|
| EXAMINER Walter Ben | DATE CONSIDERED January 5, 2005 |
|-------------------------------|---|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicants.

FORM PTO-1449
INFORMATION DISCLOSURE STATEMENT



ATTY. DOCKET NO.: 1867-0038

APPLICATION NO.: 10/685,083

APPLICANT(S): Haas et al.

FILING DATE: October 14, 2003

GROUP ART UNIT: 2858

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB-CLASS | FILING DATE |
|---------------------|----|--------------------|----------------|----------------|-------|-----------|-------------|
| W3 | AA | 4,945,863 | August 7, 1990 | Schmitz et al. | 123 | 1A | — |
| | AB | | | | | | |
| | AC | | | | | | |
| | AD | | | | | | |
| | AE | | | | | | |
| | AF | | | | | | |
| | AG | | | | | | |
| | AH | | | | | | |
| | AI | | | | | | |
| | AJ | | | | | | |
| | AK | | | | | | |

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION |
|---------------------|----|--------------------|---------------|---------|-------|-----------|-------------|
| W3 | AL | EP 0 377 782 A2 | July 13, 1989 | EPO | — | — | Yes No |
| W3 | AM | GB 2 284 676 | June 14, 1995 | UK | — | — | Yes No |
| | AN | | | | | | Yes No |
| | AO | | | | | | Yes No |
| | AP | | | | | | Yes No |

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

| | | | |
|--|----|---|--|
| | AQ | 1 | |
| | AR | 1 | |
| | AS | 1 | |

EXAMINER

Walter B. Benson

DATE CONSIDERED

January 5, 2005

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicants.